

Substation Target Area

The Substation Target Area identifies a potential area within which the new Harry Smith 367S Substation may be located.

- A 400mX400m parcel is required to accommodate the substation, transmission lines and associated right of ways.
- Two new 240 kV transmission lines (single circuit) will connect the new substation to the existing 1043L transmission line.
- Two new 138 kV transmission lines (double circuit) will connect the new substation to the existing 739L transmission line and the existing Acheson 305S Substation.
- The input that we will gather through consultation will help us to confirm potential substation locations and transmission line routes within the Substation Target Area.

How to read your map

This map will help you locate potential routes in relation to your property. The side titled DETAILED BASE highlights routing considerations such as urban areas and hydrology (surface water). The other side titled DETAILED PHOTO is an aerial image which provides landscape details.

Although there are many potential route locations shown on the map, if the project is approved by the Alberta Utilities Commission two 138 kV routes may be constructed.

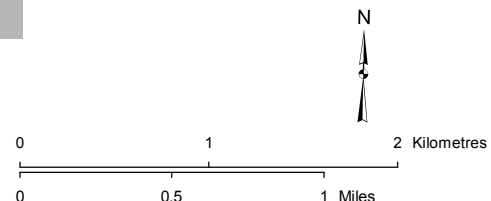
The black dots and corresponding letters and numbers (for example E50) located on the potential routes will help you to identify the route segment you are closest to.

- Red lines represent potential routes for the new 138 kV transmission lines.
- Two new 138kV transmission lines (double circuit) are required to connect the new Harry Smith 367S Substation to the 739L transmission line.
- The potential routes are shown along the western sides of Range Roads 265 & 270 and along both sides of Range Road 271.
- Yellow and red dashed line represents the potential rebuild portion of the existing 739L transmission line.
- Green square represents the proposed upgrade and expansion of the Acheson Substation.
- Blue hatched box represents the potential Substation Target Area for the Harry Smith 367S Substation.

LEGEND

● Point Designation	Ⓜ Community Centre	🏠 First Nations Reserve
🟩 Potential Upgrade to Existing Substation	⛪ Church	🗺 Municipal or County Boundary
🟦 Existing Substation	⚰ Cemetery	🏙 Urban Area
🔴 Potential 138 kV Transmission Line	👤 Hamlet or Locality	💧 Water Body
🟡 Potential Salvage/Rebuild of Existing 739L	🏥 Hospital	
🔵 Existing Transmission Line	🏠 Residence	
🟪 Potential Substation Expansion	📍 Wellsite	
🟩 Potential Substation Target Area	🛢 Pipeline	
📶 Communication Tower	🛣 Road	

NO: 35017014-6201
 DRAWN: SW - EBA
 FILE NO.: C22203149-02
 REVISION: 0.0003
 AL FOLDER: Harry Smith
DATE: 2013-07-08



Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present. Photography date: 2009 Source: Valtus Imagery Services 30cm Colour Ortho Photography 2012 Source: Digital Globe 50cm Colour Ortho Photography

DETAIL BASE **DB1**

ALTALINK

POTENTIAL
 South and West of Edmonton Area
 Transmission Development:
 Harry Smith 367S Substation and Transmission Lines